

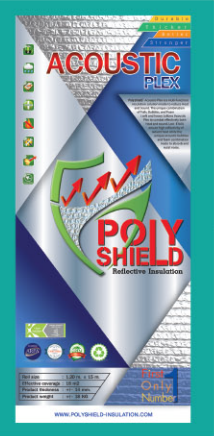
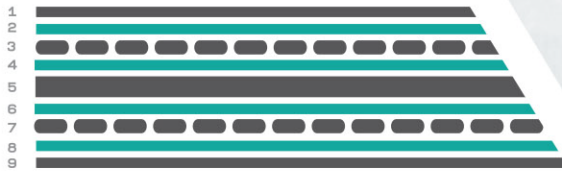
Product Information

Polyshield Acoustic-Plex is a multi-function insulation solution made to reduce heat and sound. The unique combination of Foils, Bubbles and Foam (soft and heavy) allows Acoustic Plex to combat effectively both heat and noise. Low E foils ensure high reflectivity of radiant heat while the unique acoustic bubbles and foam ensure heat reflection and noise absorption. Ideal for projects require better acoustic performances yet wish to compromising not to heat reduction.

Acoustic Plex

Structure of Insulation

A heavy duty performing reflective insulation made of two pure aluminum foils covering 4 or 6 mm uniquely mix acoustic bubbles with cushion foam in between.



97%

UPTO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)

- 1 High purity low-e aluminum facing
- 2 Poly Backing
- 3 4.00 mm - 6.00 mm. super heavy duty insulation acoustic air bubble layer
- 4 Poly Backing
- 5 XPE Foam
- 6 Poly Backing
- 7 4.00 mm - 6.00 mm. super heavy duty insulation acoustic air bubble layer
- 8 Poly Backing
- 9 High purity low-e aluminum facing

OPTIONS

- Fire Retardant
- Acoustic Bubbles
- Anti-Scratch
- Foam and Bubbles
- Extra Heavy
- Combined



Example of Polyshield Acoustic Plex Thermal Performance
The R values shown are based on average roof profile with average of 30-50mm top air gap

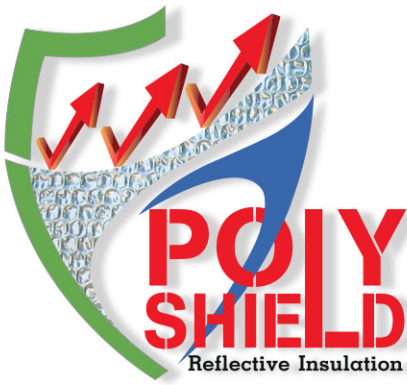
	Unit	
	M ² x C/W	Btu x in / (hr x ft ² x F)
Residential Roof		
- Tiles	3.59	20.71
- Metal	4.08	23.29
Metal Commercial Roof		
- Low Pitch with ceiling	4.48	24.56
- Low Pitch without ceiling	3.06	17.47
Concrete Commercial Roof		
- Low Pitch with ceiling	4.42	25.24
- Low Pitch without ceiling	3.06	17.47

The values shown here are based on the system R value.

Polyshield Acoustic Plex Specifications:

Thickness (nominal)	mm	± 14
Bubbles Diameter	mm	Mixed Bubbles
Emittance (ASTM)	%	0.03
Reflectivity (ASTM)	%	0.97
Foil Thickness	μ	7 to 20
Foil Purity	%	97%
Weight (nominal)	gsm/m ²	±18
Standard Roll Size	m x m	1.20m x 15m
Effective Coverage	m ²	18
Standard Roll Weight (Gross)	kg	± 18.00 kg
Roll Diameter	mm	± 600

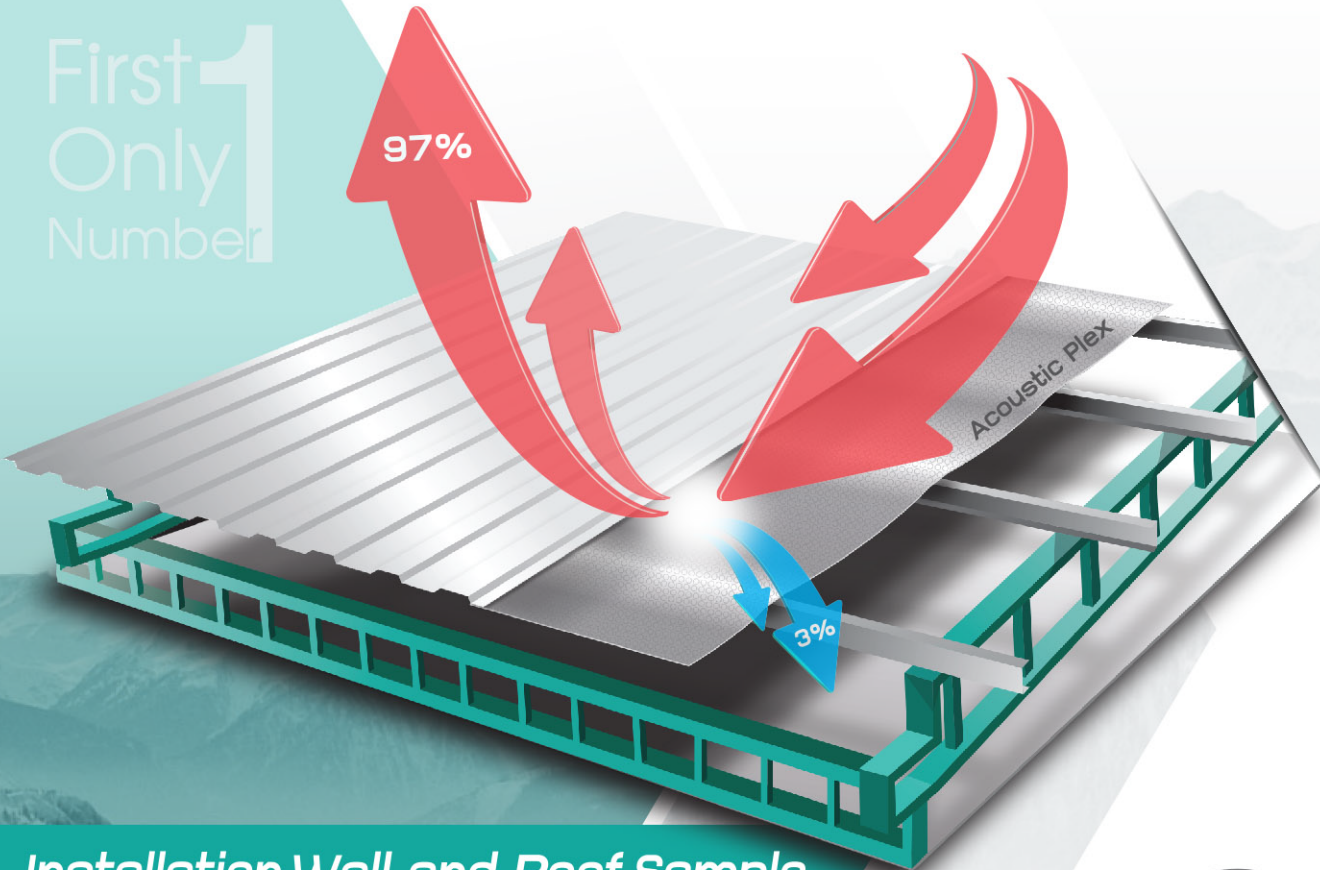
Reflective insulation solution you trust



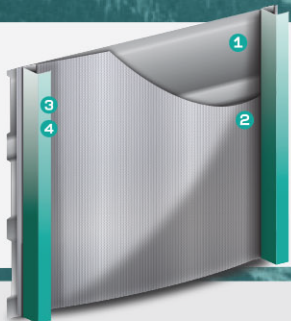
Acoustic Plex



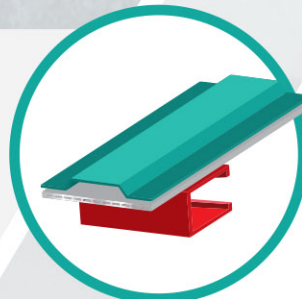
First
Only
Number



Installation Wall and Roof Sample



- 1 External metal cladding
- 2 Insulation
- 3 Steel portal frame
- 4 100 mm deep sheeting rails at 600 mm centres



97%

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



PRODUCT OPTIONS

Product Options

Front	Back
<input type="checkbox"/> NET copper	<input type="checkbox"/> NET copper
<input type="checkbox"/> NET silver	<input type="checkbox"/> NET silver
<input type="checkbox"/> FR	<input type="checkbox"/> FR
<input checked="" type="checkbox"/> Anti Scratch	<input checked="" type="checkbox"/> Anti Scratch
<input type="checkbox"/> Anti Glare	<input type="checkbox"/> Anti Glare
<input checked="" type="checkbox"/> Extra Heavy Duty Aluminum Foil	<input checked="" type="checkbox"/> Extra Heavy Duty Aluminum Foil
<input type="checkbox"/> White finish	<input type="checkbox"/> White finish